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OTS 62-20013

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Eastman, D. R.
A NEW PHOTOCONDUCTOLITHOGRAPHIC PROCESS.
[1962] [7]p.
Order from OTS or SLA \$1.10 62-18506

Trans. of Belgian patent 606,702, 28 July 61, by
Kodak S. A. (U. S. application no. 45,949, 28 July 60).

DESCRIPTORS: Photography, *Photoconductive films,
*Lithography, Printing.

- I. Eastman, D. R.
- II. Patent (Belgium) 606 702
- III. Patent application
(U. S.) 45 949

228046

Office of Technical Services

(Materials--Photographic, TT, v. 9, no. 6)

62-18505

Eastman, D. R.
NEW PHOTOLITHOGRAPHIC PROCESS. [1962] [8]p.
Order from OTS or SLA \$1.10 62-18505

Trans. of Belgian patent 606,701, 28 July 61, by
Kodak S. A. (U. S. appl. no. 45,948, 28 July 60

DESCRIPTORS: Photography, *Electrophotography,
*Photoconductive films, *Lithography, Printing.

I. Eastman, D. R.
II. Patent (Belgium) 606 701
III. Patent application
(U. S.) 45 948

(Materials--Photographic, TT, v. 9, no. 6)

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Eastman, D. R.

A PHOTOCONDUCTOLITHOGRAPHIC PROCESS.

[1962] [8]p.

Order from OTS or SLA \$1.10 62-18683

Trans. of Belgian patent 606, 709 by Kodak S. A.,
publ. 28 July 61 (patent appl. USA: 28 July 60,
no. 45,958).

DESCRIPTORS: *Electrophotography, *Lithography,
*Photoconductivity, Photosensitivity, Printing,
Photographic printers.

This invention describes a photoconductolithographic
process with the following characteristics: (1) There
is deposited on a hydrophobe photoconductive surface
from an electrolyte containing rubeanic acid and me-
tallic ions chosen from among the iron, copper,
nickel and cobalt ions, an image of a compound of said
(Materials--Photographic, TT, v. 9, no. 8) (over)

62-18683

- I. Eastman, D. R.
- II. Patent (Belgium) 606 709
- III. Patent application
(U. S.) 45 958/60

62-18683

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62-18574

Eastman, D. R. and Reithel, R. F.
NEW PHOTOCONDUCTOGRAPHIC PROCESS AND A
GELATIN COMPOSITION WHICH IS USEFUL FOR
THIS PROCESS. [1962] [20] p.
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Trans. of Belgian patent 606,703, 28 July 61, by
Kodak S. A. (U. S. appl. no. 45,950, 28 July 60).

DESCRIPTORS: *Electrophotography, *Photographic
emulsions, Photographic chemicals, *Gelatin, *Photo-
conductivity, Polymers, Photographs, Processing.

In this invention, the photoconductive image is
used to control the solubility of gelatin or of certain
polymers that are applied on a separate sheet. The ob-
ject of the invention is to provide a method which gives
prints with a larger contrast than that obtained when the
final image is formed directly on the photoconducting
(Materials--Photographic, IT, v. 9, no. 9) (over)

I. Eastman, D. R.
II. Reithel, R. F.
III. Patent (Belgium) 606 703
IV. Patent application (U. S.)
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THE EFFECT OF PROLONGED EXCITATION ON THE POLARIZING,
ELECTROTONIC AND RESTING CURRENT OF THE NERVE, BY
U. EBBECKE, 9 PP.

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SCI - MED

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Ebbecke, U.
ON POSITIVE AND NEGATIVE AFTER IMAGES,
THEIR RECIPROCAL RELATION AND THE IN-
FLUENCE OF LOCAL ADAPTATION; INFLUENCE
OF THE CHANGE OF EXPOSURE AND LOCAL
ADAPTATION ON THE VISIBILITY OF AFTER
IMAGES [AND] LOCAL ADAPTATION WITHIN THE
AFTER IMAGES (Über Positive und Negative Nach-
bilder, ihre Gegenseitige Beziehung und den Einfluss
der Lokalen Adaptation). [[1961] 13p. 6 refs.
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Trans. in manuscript of Pflüger's Arch[iv] f[ür die]
Gesamte Physiologie des Menschen und der Tiere]
(Germany) 1929, v. 221, p. 171-176 and 181-182.

DESCRIPTORS: *Optical images, Visibility. *Visual
after-images, Physiology, *Light, *Eye.

(Unannounced)

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- I. Ebbecke, U.
- II. Title: Influence...
- III. Title: Local...

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biotics in Poul Feed, by H. Ebbell, H. Jucker,
A. Schurch, 12 pp.

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A New Method for Testing Mental Capacities and Its
Use With School Children, by H. Ebbinghaus, 86 pp.

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An Apparatus, Operating on Magnetic Principles,
for Measuring Oxygen in Gas Mixtures, by E.
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Effect of the Removal of the Current Supply of
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[1962] 20p. 18 refs.
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DESCRIPTORS: *Ions, *Ionization, *Plasma oscillations,
*Electron tubes, Energy.

Interfering ion plasma oscillations have been observed
repeatedly in various amplifier tubes. Two new
mechanisms for continuous excitation of these oscil-
lations are indicated. One is based on a phase "sorting"
of the particles which oscillate in a potential well with
non-linear law of force and repel mutually. There is
a similarity to the mechanism of the well-known
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Trans. of Zeitschrift für Erzbergbau und Metallhütten- wesen (West Germany) 1954, v. 7, no. 6, p. 229-234. Another trans. is available from BISI 43 5s as BISI-1192 [1959].	BISI 1192
DESCRIPTORS: *Zinc compounds, Oxides, Oxygen, Metals, Separation, Solids, Particles, Ash, Process- ing, Solutions, Metallurgical analysis.	191124
The method described permits titrimetric determina- tion of the oxide content, after dissolving the sub- (Chemistry--Analytical, TT, v. 7, no. 4) (over)	Office of Technical Services

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Upon the Grinding Efficiency, by D. Ocopek,
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DESCRIPTORS: *Steel tubing, Creep, Tests, Stresses, *Heat resistant alloys, *Steel.	
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THE He3-H2 STRATIFICATION IN PLANETARY NEBULAE.
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II. National Research
Council of Canada,
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Measuring and Control Processes for Glass Melting Vats,
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